

**US ARMY CORPS
OF ENGINEERS**
St. Louis District
Gateway to Excellence

Public Notice

Reply To:
U.S. Army Corps of Engineers
Attn: CEMVS-OD-F
1222 Spruce Street
St. Louis, Missouri 63103-2833

Public Notice No.

P-2602

Public Notice Date

February 13, 2007

Expiration Date

March 15, 2007

Postmaster Please Post Conspicuously Until:

File Number: 2006-840

Interested parties are hereby notified that an application has been received for a Department of the Army permit for certain work in waters of the United States, as described below and shown on the attached map.

COMMENTS AND ADDITIONAL INFORMATION: Comments on the described work should reference the U.S. Army Corps of Engineers File Number shown above and must reach this office no later than the above expiration date of the Public Notice to become part of the record and be considered in the decision. Comments should be mailed to the following address:

U.S. Army Corps of Engineers
Regulatory Branch
1222 Spruce Street
St. Louis, Missouri 63103-2833
ATTN: Kathrine Kelley

APPLICANT: City of Maryland Heights, 212 Millwell Drive, Maryland Heights, Missouri 63043, (314) 291-6550.

LOCATION: This public notice is issued for a project located in the City of Maryland Heights, St. Louis County, Missouri. The project area is located along an unnamed tributary to Midland Creek that flows between residential properties located on Venus Lane and Wilwood Drive, west of Bristol Hall Drive. Please see the attached location map for additional information (Sheet 1).

PROJECT DESCRIPTION: The applicant seeks authorization to perform bank stabilization activities along a 550 lineal foot section of stream channel located within a heavily urbanized area with residences located on both sides. The stream is bounded on the upstream end by a piped section and on the downstream end by the culvert under Bristol Hall Drive. The urbanization of this watershed has led to the loss of floodplain and channel connectivity to the floodplain, channel encroachment, increased rates of runoff, and introduction of invasive vegetation. The current conditions have contributed to greater volumes of runoff flowing at a faster rate and a higher peak discharge which contributes to physical property loss and decreased water quality.

As proposed, the project is to armor the toe of the banks against stream erosion, provide geotechnical stability of the banks, stabilize the banks above the armor units, and return the channel

bed to a more stable state. To meet project objectives, the existing banks will be excavated and replaced with gabion baskets, ½ cubic yard stone units, gravel fill material, mechanically stabilized earth fill material, and top soil (along the tops of the overbanks). To return the channel to a natural state, a low flow channel with adjacent benches will be created by outlining the channel with coir fabric logs behind which sand material will be placed to the face of the wall to create benched, overflow areas. In addition to creating a meandering low flow channel, grade control structures will include a series of riffle pool complexes that will further stabilize the stream. The post construction riparian corridor will be replanted to a width no less than that which currently exists. The improvements will be constructed using standard industry equipment. It is anticipated that the excavation, backfilling, gabion basket placement, and stone unit placement will largely be completed using a track hoe working from the top of banks. Within the channel bottom it may be necessary to utilize a skid steer front loader to complete final grading. To minimize disturbing the surface waters, erosion control best management procedures will be followed. Construction is anticipated to last about four months. Attached are drawings showing a plan view of where the proposed creek bank stabilization walls will be located (Sheet 2), and a typical cross section of a stacked stone/MSE hybrid wall (Sheet 3).

LOCATION MAPS AND DRAWINGS: See attached.

ADDITIONAL INFORMATION: Additional information may be obtained by contacting Kathrine Kelley, Project Manager, U.S. Army Corps of Engineers, at (314) 331-8813. Your inquiries may also be sent by electronic facsimile to (314) 331-8741 or by e-mail to Kathrine.kelley@mvs02.usace.army.mil.

AUTHORITY: This permit will be processed under Section 404 of the Clean Water Act (33 U.S.C. 1344).

WATER QUALITY CERTIFICATION: The project plans have been submitted to the Missouri Department of Natural Resources, Water Protection Program for state certification of the proposed work in accordance with Section 401 of the Clean Water Act. The certification is requested as of the date of this Public Notice, and if issued, will express the Agency's opinion that the proposed activities will not violate applicable water quality standards. Written comments concerning possible impacts to waters of Missouri should be addressed to: Water Protection Program, Post Office Box 176, Jefferson City, Missouri 65102-0176, with a copy provided to the Corps of Engineers.

SECTION 404 (b)(1) EVALUATION: The impact of the activity on the public interest will be evaluated in accordance with the Environmental Protection Agency guidelines pursuant to Section 404 (b)(1) of the Clean Water Act.

PUBLIC HEARING: Any person may request, in writing, within the comment period specified in this notice, that a public hearing be held to consider the applicant's proposal. Any request for a public hearing shall state, with particularity, the reason for the hearing, and must be based on issues that would warrant additional public review.

ENDANGERED SPECIES: A preliminary determination, in compliance with the Endangered Species Act, as amended, has been made that the work that is proposed would not affect species designated as threatened or endangered, or adversely affect critical habitat. Therefore, no formal consultation request has been made to the United States Department of Interior, Fish and Wildlife Service. In order to complete our evaluation, comments are solicited from the Fish and Wildlife Service and other interested agencies and individuals through this Public Notice.

CULTURAL RESOURCES: The St. Louis District will evaluate information provided from the State Historic Preservation Officer and the public in response to this public notice and we may conduct, or require a reconnaissance survey of the project area.

EVALUATION: The decision whether to issue a permit will be based on an evaluation of the probable impact including cumulative impacts of the described activity on the public interest. That decision will reflect the national concern for both protection and utilization of important resources. The benefit that may reasonably be expected to accrue from the described activity must be balanced against its reasonably foreseeable detriments. All factors, which may be relevant to the activity described, will be considered including the cumulative effects. Among factors considered are: conservation; economics; aesthetics; general environmental concerns; wetlands; historic properties; fish and wildlife values; flood hazards; flood plain values; land use; navigation; shoreline erosion and accretion; recreation; water supply and conservation; water quality; energy needs; safety; food and fiber production; mineral needs; consideration of property ownership; and in general the needs and welfare of the people.

SOLICITATION OF COMMENTS: The U.S. Army Corps of Engineers is soliciting comments from the public; Federal, state, and local agencies and officials; Indian Tribes; and other interested parties in order to consider and evaluate the impacts of the proposed activity. Any comments received will be considered by the U.S. Army Corps of Engineers to determine whether to issue, modify, condition or deny a permit for this proposal. To make this decision, comments are used to assess impacts on endangered species, historic properties, water quality, general environmental effects, and other public interest factors listed above. Comments are used in the preparation of an Environmental Assessment and/or an Environmental Impact Statement pursuant to the National Environmental Policy Act. Comments are also used to determine the need for a public hearing and to determine the overall public interest of the proposed activity.

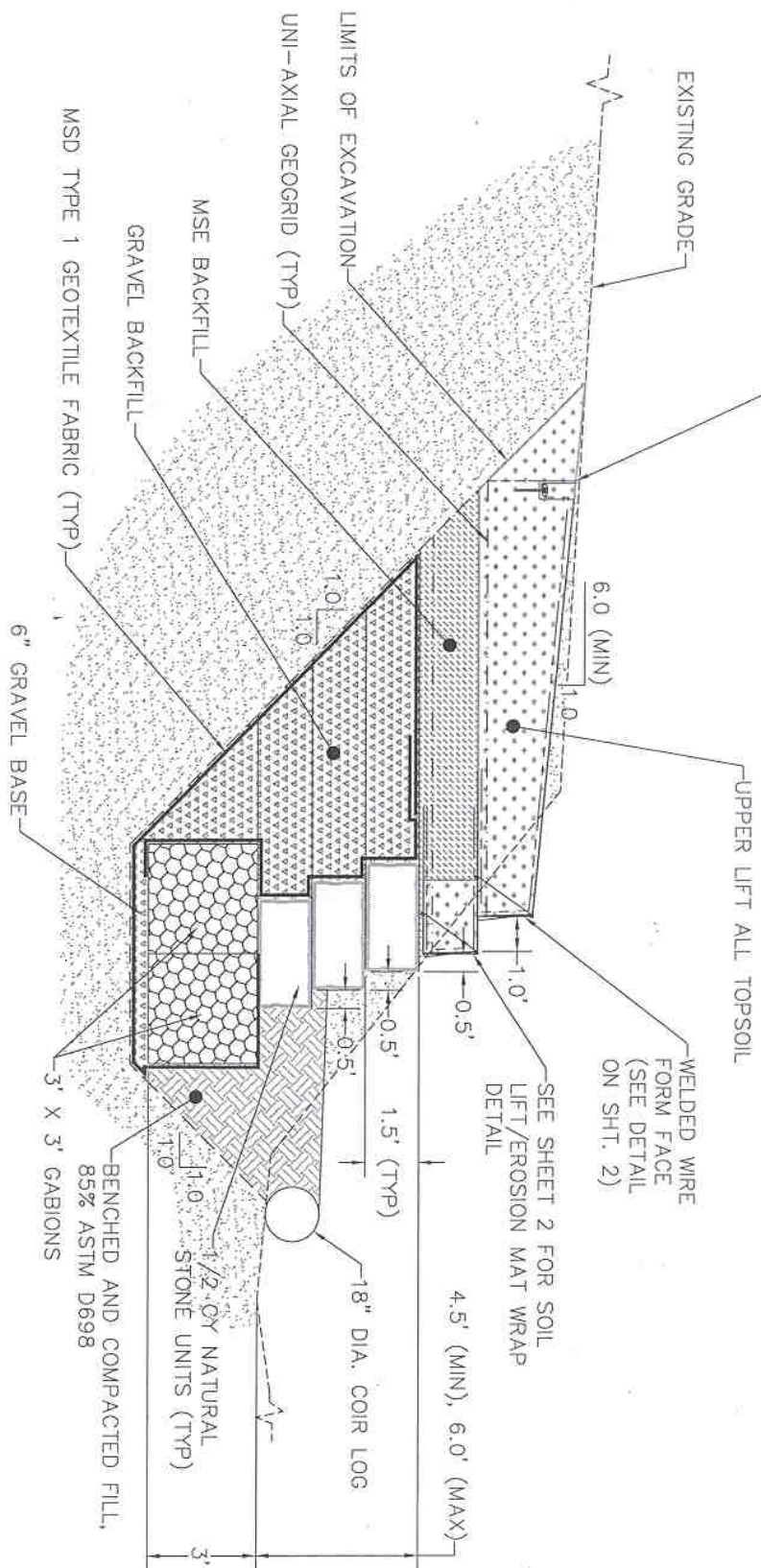
DANNY D. MCCLENDON
Chief, Regulatory Branch

Attachments

NOTICE TO POSTMASTERS:

It is requested that this notice be conspicuously and continually placed for 21 days from the date of this issuance of this notice.

APPLICANT INFORMATION:
CITY OF MARYLAND HEIGHTS, MO
212 MILLWELL DRIVE
MARYLAND HEIGHTS, MO 63043



STACKED STONE/MSSE HYBRID WALL HALF TYPICAL SECTION (NTS)

FIGURE 3: TYPICAL CROSS SECTION

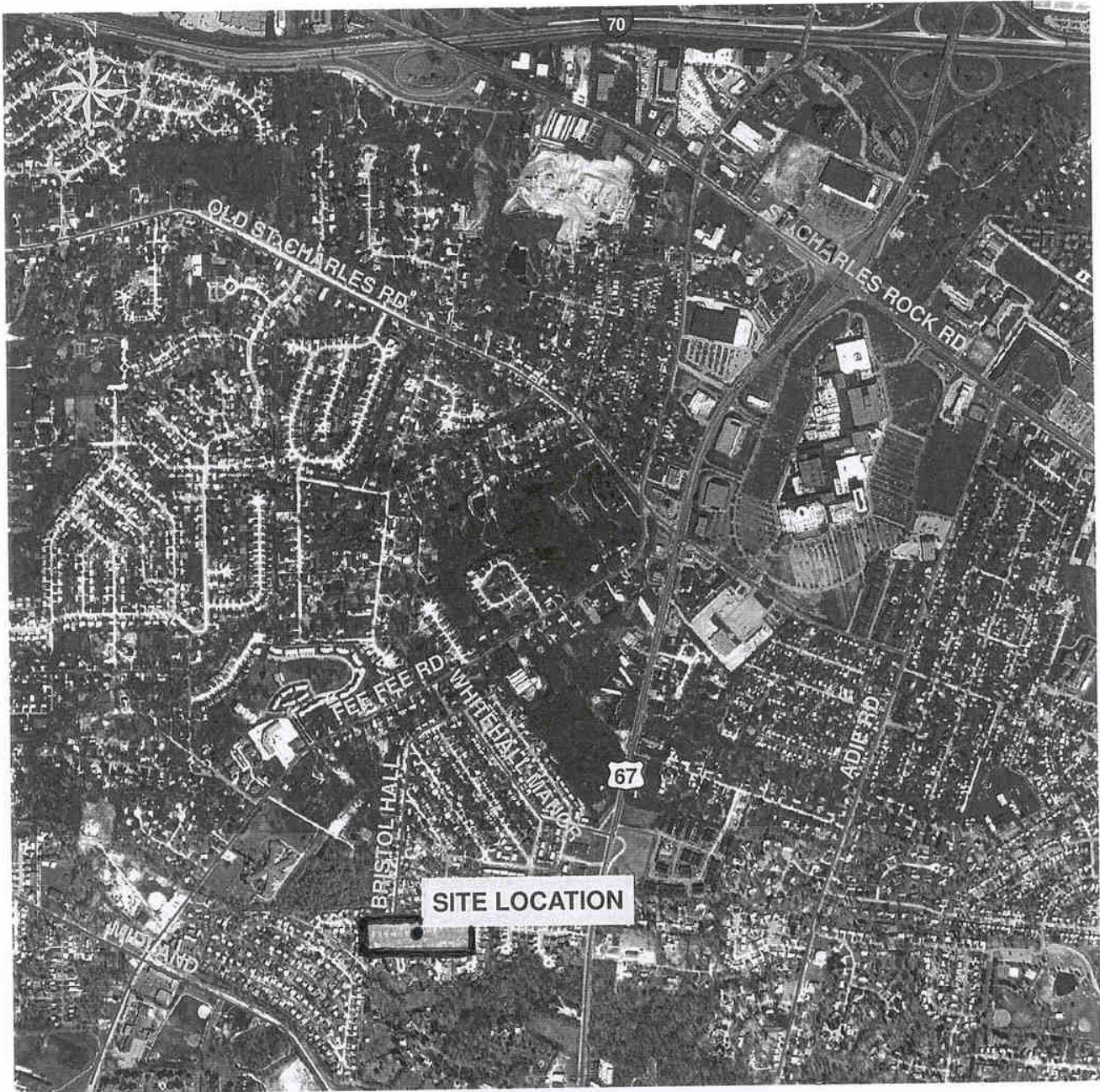
VENUS LANE (NORTH TRIBUTARY MIDLAND CREEK)
CREEK STABILIZATION PROJECT

MARYLAND HEIGHTS, MISSOURI

HJR

DATE JUNE 23, 2006
DRAWN BY S. MARTIN
CHECKED BY T. WILLIAMS

APPLICANT INFORMATION:
CITY OF MARYLAND HEIGHTS, MO
212 MILLWELL DRIVE
MARYLAND HEIGHTS, MO 63043



Venus Lane (North Tributary Midland Creek)
Figure 1: Site Location Map

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 CITY OF MARYLAND HEIGHTS, MO
 212 MILLWELL DRIVE
 MARYLAND HEIGHTS, MO 63043

VENUS LANE (NORTH TRIBUTARY MIDLAND CREEK)
 FIGURE 2: PLAN VIEW

SCALE: 1" = 80'

